

Converting Colors

XYZ(87.6191, 85.9398,
105.7360)

Have a look what the booklet for
XYZ(87.6191, 85.9398, 105.7360)
contains.

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Color

**XYZ(87.6191, 85.9398,
105.7360)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE8FE
RGB	254, 232, 254
RGB Percent	100%, 91%, 100%
CMY	0.0039, 0.0902, 0.0039
CMYK	0.00, 0.09, 0.00, 0.00
HSL	300°, 92%, 95%
HSV	300°, 9%, 100%
XYZ	87.6191, 85.9398, 105.7360
YIQ	241.0860, 6.0500, 11.5060

Conversions

Conversions Part 2

Format	Color
R_{YB}	254, 232, 254
Decimal	16705790
CIE _{Lab}	94.29, 11.25, -7.90
CIE _{LCh}	94, 13.747, 324.898
Yxy	85.9398, 0.3137, 0.3077
Android (android.graphics.Color)	4294895870 (0xFFFE8FE)
YUV	241.0860, 6.3666, 11.3256
Hunter-Lab	92.7037, 6.4781, -2.7324

Details

The XYZ color **87.6191, 85.9398, 105.7360** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.2893, 93.8681, 90.0769**, and the grayscale version is **83.6271, 87.9822, 95.8126**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.6293, 46.9522, 59.3230** is the 20% darker color. If you saturate the color by 10%, you get **80.9807, 72.6618, 103.5240**, and if you desaturate by 10%, it is **94.5234, 99.7471, 108.0387**.

Distribution



- Red (100%)
- Green (91%)
- Blue (100%)



- Red (100%)
- Yellow (91%)
- Blue (100%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.6191, 85.9398, 105.7360 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 87.6191, 85.9398, 105.7360 by changing the saturation by 10% instead.


 87.6191, 85.9398,
105.7360

 87.6191, 85.9398,
105.7360


508.6091,
514.7327, 599.8335

 66.3374, 64.6182,
80.4560


142.9220,
141.6855, 171.1381

 48.8151, 47.1516,
59.5653


177.6739,
176.8783, 212.0972

 34.6867, 33.1555,
42.6453


217.6466,
217.4637, 259.1198

 23.5870, 22.2456,
29.2776

263.2054,
263.8261, 312.6243

 15.1506, 14.0375,
19.0435

314.7157,
316.3497, 373.0295

 9.0122, 8.1467,
11.5246

372.5429,

 4.8063, 4.1890,

375.4191, 440.7537

6.3023

437.0522,
441.4187, 516.2155

■ 2.1677, 1.7798,
2.9580

■ 0.7256, 0.4746,
1.0732

■ 87.6191, 85.9398,
105.7360

■ 87.6191, 85.9398,
105.7360

■ 80.9807, 72.6618,
103.5240

94.5234, 99.7471,
108.0387

■ 75.3290, 61.3583,
101.6399

94.5235, 99.7471,
108.0389

■ 70.6190, 51.9386,
100.0697

94.5235, 99.7471,
108.0391

■ 66.7998, 44.3002,
98.7964

94.5235, 99.7471,
108.0394

63.8152, 38.3311, 94.5236, 99.7471,
97.8013 108.0396

61.6029, 33.9065, 94.5236, 99.7471,
97.0637 108.0398

60.0918, 30.8843, 94.5237, 99.7472,
96.5597 108.0401

59.1976, 29.0961, 94.5237, 99.7472,
96.2615 108.0403

58.7999, 28.3008, 94.5238, 99.7472,
96.1287 108.0405

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.7031, 85.9398, 113.2162



87.6191, 85.9398, 105.7360



88.9468, 85.9398, 95.3902

Triad

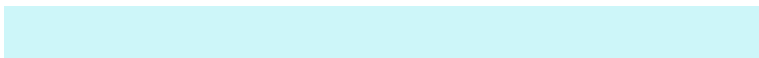
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.6191, 85.9398, 105.7360



82.3150, 85.9398, 74.7799



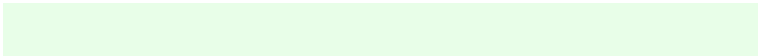
75.4225, 85.9398, 102.3809

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



87.6191, 85.9398, 105.7360



83.2893, 93.8681, 90.0769

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.8262, 85.9398, 91.7807



87.6191, 85.9398, 105.7360



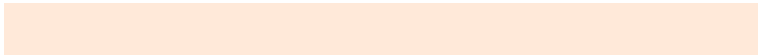
78.7359, 85.9398, 76.3459

Square

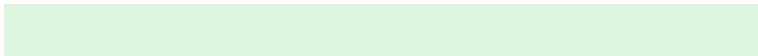
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.6191, 85.9398, 105.7360



85.8263, 85.9398, 77.9325



76.0216, 85.9398, 82.3820



77.6757, 85.9398, 111.1793

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.6191, 85.9398, 105.7360



88.7246, 85.9398, 88.4523



76.0216, 85.9398, 82.3820



75.0246, 85.9398, 98.8893

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



87.6216, 85.9435, 105.7379



92.6579, 95.2158, 108.1026



80.0285, 82.0291, 105.3827



19.6992, 20.1134, 23.0939



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.6216, 85.9435, 105.7379



87.4478, 84.7957, 106.3657



85.9102, 85.2589, 96.7257



18.7928, 18.3004, 22.7918



30.9801, 14.8813, 50.6730



3.0164, 1.4489, 4.9339

Inverse Universe

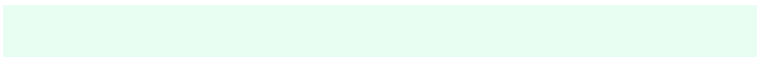
The Inverse Universe completely reimagines the original color for something new.



87.6216, 85.9435, 105.7379



87.4478, 84.7957, 106.3657



84.9012, 94.5128, 98.5651



18.7928, 18.3004, 22.7918



30.9801, 14.8813, 50.6730



3.0164, 1.4489, 4.9339

Previews

White Background



This preview shows how the XYZ color 87.6191, 85.9398, 105.7360 looks on a white background.

Color Contrast Check

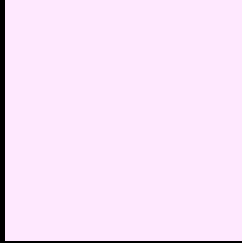
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 87.6191, 85.9398, 105.7360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

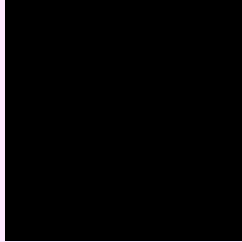
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.6191, 85.9398, 105.7360

Background



This preview shows how black text looks on a background with the XYZ color 87.6191, 85.9398, 105.7360.



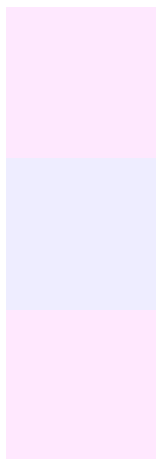
This preview shows how white text looks on a background with the XYZ color 87.6191, 85.9398,

105.7360.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

87.6191, 85.9398, 105.7360

Protanopia

83.5941, 85.9655, 106.7949

Deuteranopia

87.9860, 86.1290, 105.7531



Tritanopia

87.4246, 86.3137, 103.3192

Trichromacy



Original Color

87.6191, 85.9398, 105.7360

Protanomaly

85.0666, 85.8698, 106.6988

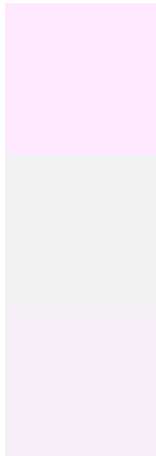
Deuteranomaly

87.9860, 86.1290, 105.7531

Tritanomaly

87.5827, 86.3769, 104.1518

Monochromacy



Original Color

87.6191, 85.9398, 105.7360

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

85.2151, 87.3957, 99.5665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.6191, 85.9398, 105.7360 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(254, 232, 254)` looks like.

```
.text, #text, p{  
    color:rgb(254, 232, 254)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(254, 232, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 232, 254) }
```

Border

The CSS property to change the border of an element to XYZ 87.6191, 85.9398, 105.7360 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(254, 232, 254) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(254, 232, 254) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(254, 232, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 232, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 232, 254);  
box-shadow:4px 4px 4px 4px rgb(254, 232,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 87.6191, 85.9398, 105.7360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 232, 254) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(254,  
232, 254) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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